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April 12, 2002

Assistant Commissioner For Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

**Re: U.S. Patent Application Serial No. 10/084,998**  
**For: APPARATUS AND METHOD FOR FABRICATING**  
**FIBER REINFORCED PLASTIC PARTS**  
**Our Reference: 49810-00601**

Dear Sir:

Transmitted herewith for filing in the U.S. Receiving Office are the following documents:

1. Transmittal Letter;
2. Copy of Notice to File Corrected Application Papers;
3. Response to Notice to File Corrected Application Papers; and
4. Substitute drawings depicting Figs.1-5 (6 sheets) in compliance with 37 CFR 1.84(g).

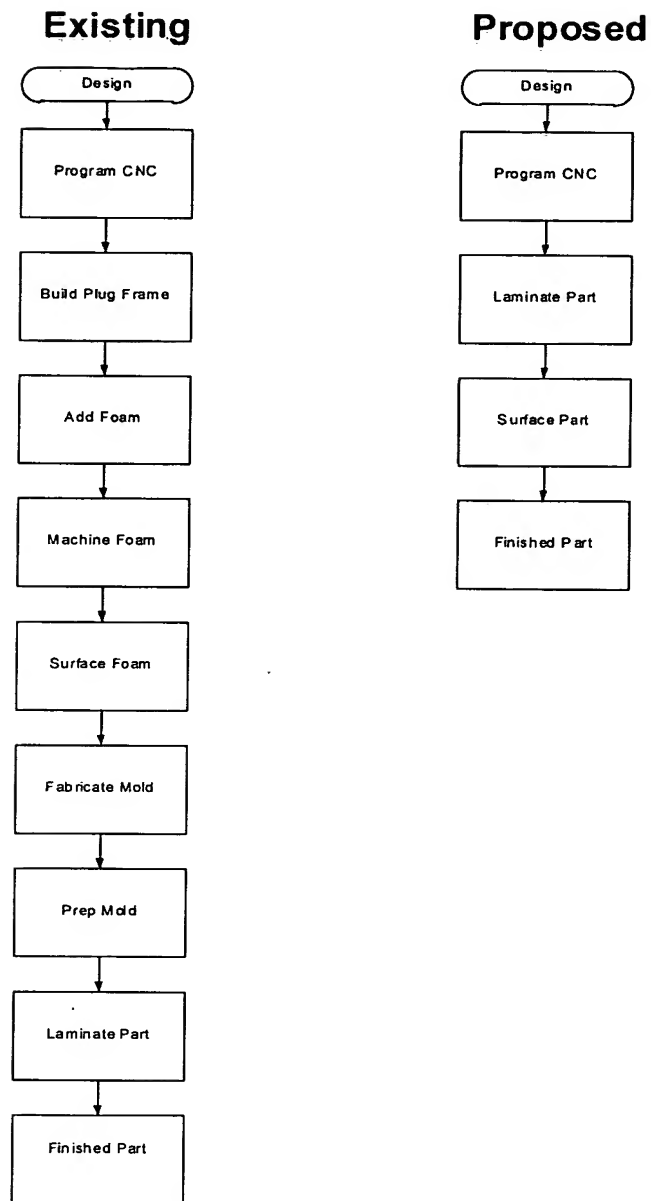
Sincerely yours,

A handwritten signature in black ink, appearing to read "J. Coulby", written over the typed name.

JOHN N. COULBY, Reg. No. 43,565

Enclosures

## Comparison of Processes



J1046 U.S. PTO  
10/084998  
03/01/02

Fig.

## Extrusion Head Schematic

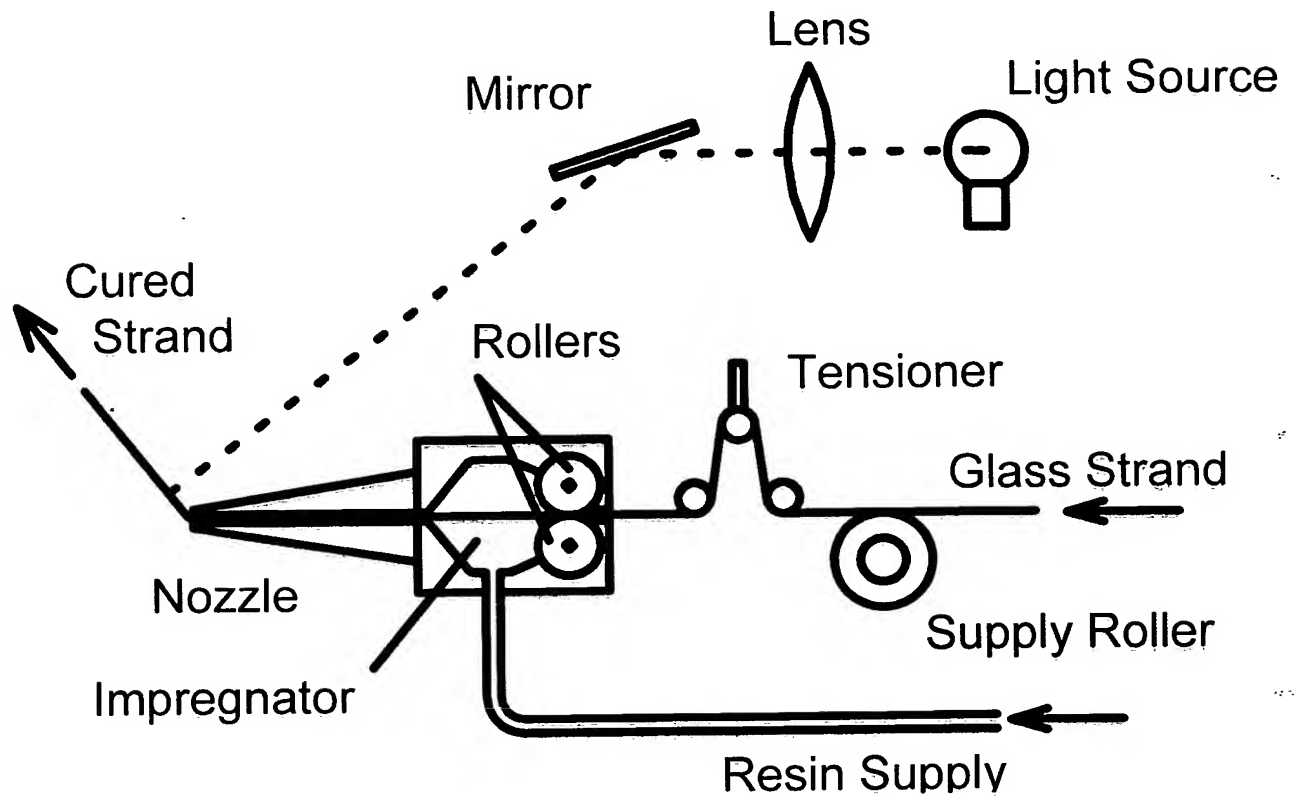
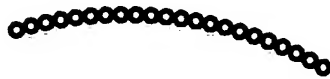


Fig. 1

## Some Extrusion Shapes



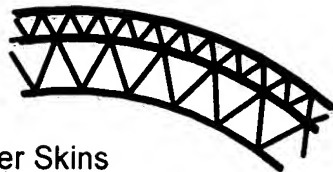
Small Dia. Bead for Intricate Detail



Flat Web to Reduce Machine Time



Tee or Channel Sections for Stiffness



Multi Layer Skins  
for high strength to weight ratios

Fig. 2

## Extrusion Head

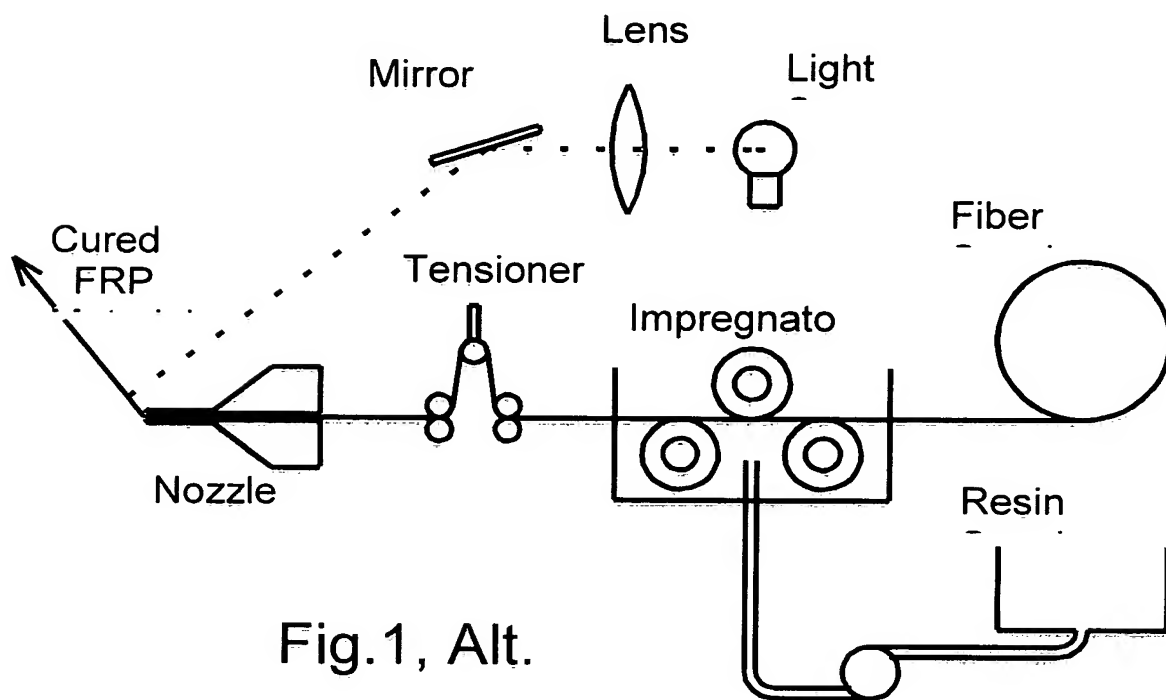
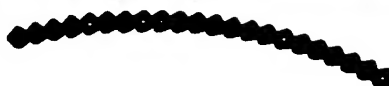


Fig.1, Alt.

## Sections Through Passes of



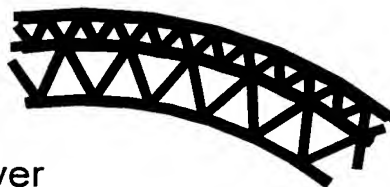
Small Dia. Rods for Intricate  
(formed from yarns  
through a round



Flat Web to Reduce Machine  
(formed from ribbons  
through a flat



Angles to Improve  
(formed from ribbon  
through an angle shaped



Multi Layer  
for High Strength to Weight  
(formed from yarns through a  
orifice in successive

Fig. 2, Alt.

49810-00601